

IN THE DRAWINGS:

Responsive to the Examiner's objections, Applicants propose amending Figures 1 and 3 of the drawings as shown in red ink in the attached sheets of drawings. More specifically, in Figure 1, Applicants have included the missing section line 3-3 recited on page 5 of the specification. In Figure 3, Applicants have included the missing reference numerals 110, 306 and 327 recited on pages 7 and 9 of the specification. No new matter has been added. Upon approval by the Examiner, Applicants will submit corrected formal drawings upon receipt of a Notice of Allowance.

IN THE SPECIFICATION:

Please replace the following paragraphs in the specification as shown below. For the convenience of the Examiner, an Attachment for Specification Amendments showing a marked up version of the replacement paragraph is appended.

Please replace the paragraph starting on page 8, line 21 in the Detailed Description of the Preferred Embodiment with the following:

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The rear face 310 of the conical catalyst is disposed within an open chamber 312 within the shell 106. The chamber 312 promotes mixing and thermal equilibrium. The exhaust gas flow from the rear face 310 is directed towards the main catalyst brick 220. The main catalyst brick is, preferably, generally cylindrical in shape and having an angled front face 314. The brick is surrounding on its exterior surfaces by a conventional mat 315 that is disposed between the brick 220 and the shell 106. Front face 314 is angled such that the front face 314 is closer to the rearward-most catalyst 214 than it is to the forward-most catalyst 210. It should be appreciated that the angled front face 314 and the portion of the shell that is adjacent to the tubes 108 form an angle referred to as 'A' in Figure 3. In this embodiment, the angle chosen is 18 degrees, this amount provides benefits both in catalyst packaging and exhaust gas mixing. The main catalyst brick 220 is preferably constructed from a ceramic substrate having a constant cell size. It should be appreciated that the cells are oriented in the direction of flow indicated by arrow 320 and that the cells maintain